

# Compliance Verification Information System (CVIS) Implementation Plan

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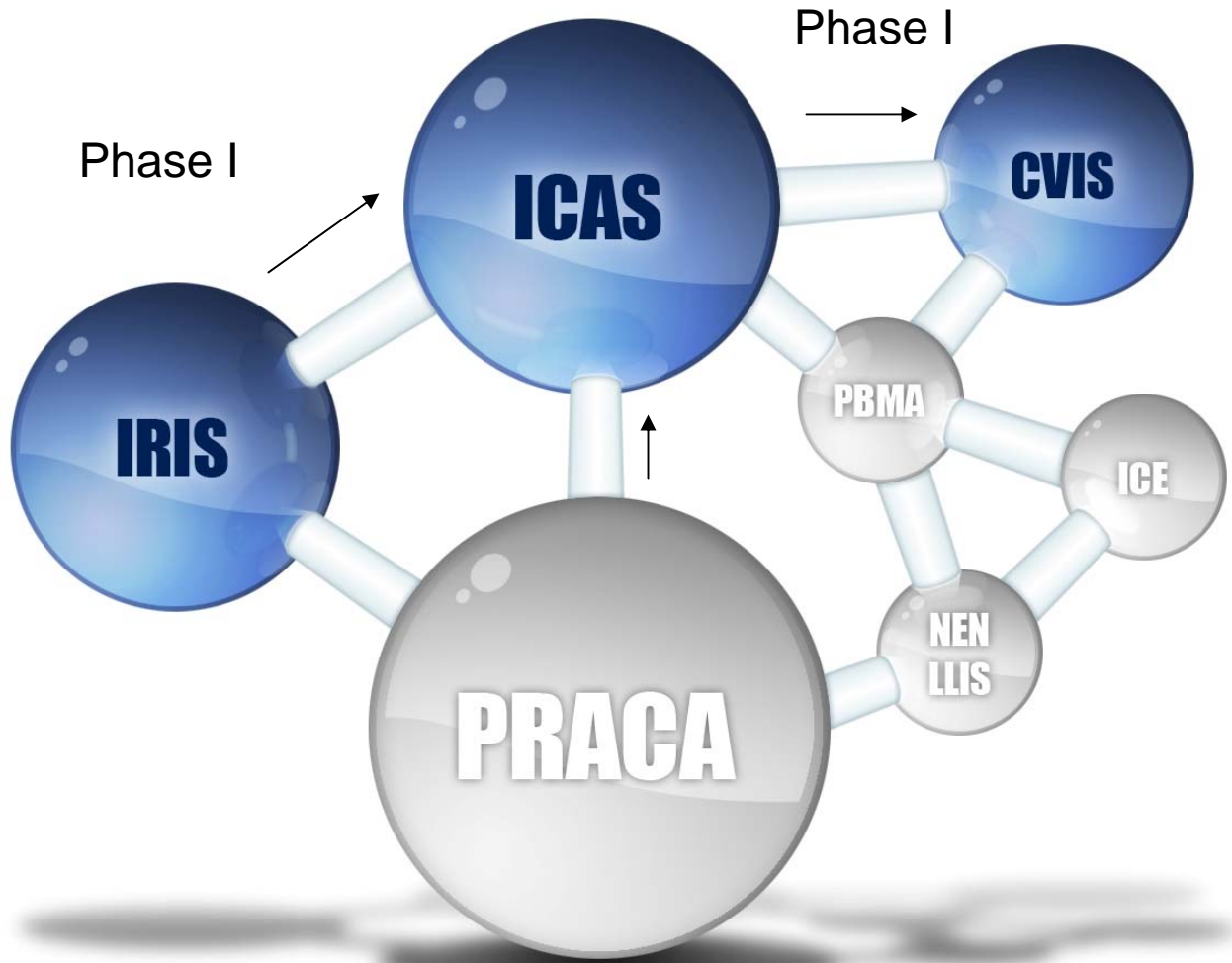
# Outline

- CVIS support of the Compliance Verification Model
- Approach to CVIS design
- Phased Implementation plan

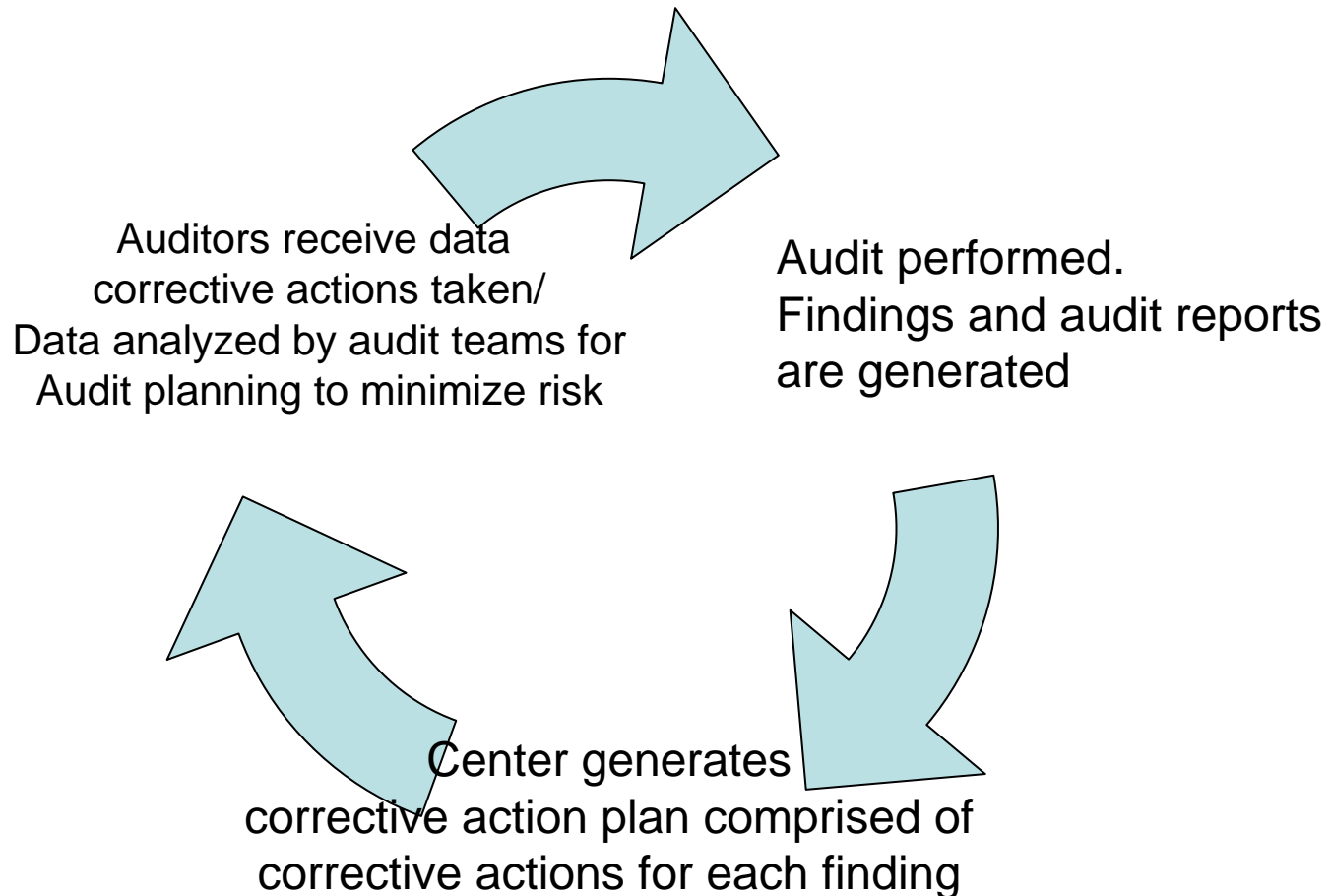
# CVIS support of the Compliance Verification Model

- Basic Functional Requirements
  - NCAS audit data collection, reports and risk informed analysis support
  - Headquarters level audit data collection
  - Closed loop verification process
  - Resource allocation and trade study
  - Data exchange with other systems in OSMA

# OSMA Data Systems Integrated Approach

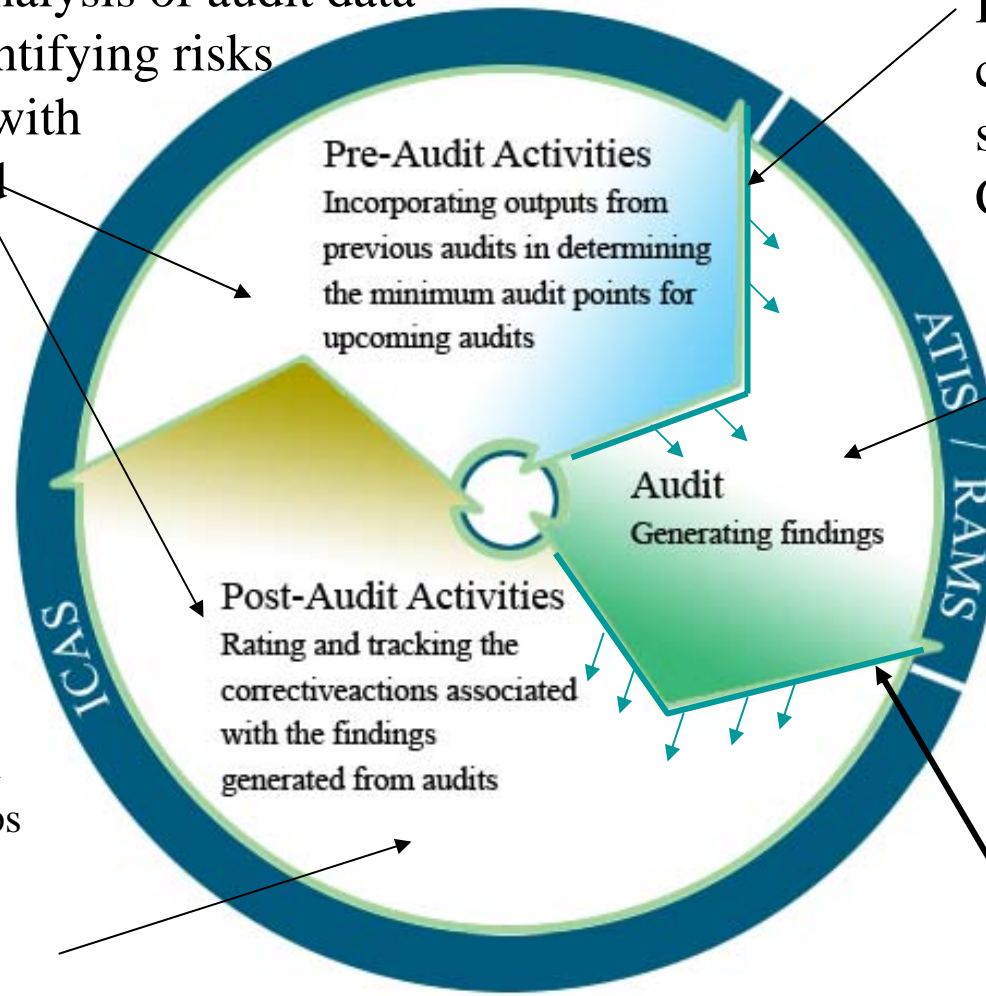


# Closed loop verification and Risk based compliance verification and audit planning



# EXAMPLE: Closed Loop Verification and Risk Based Compliance verification using DFRC ICAS (Fast track model)

Data comparisons/analysis of audit data and mishap data identifying risks for communication with center personnel and pre audit planning



**Pre-Audit Activities**  
Incorporating outputs from previous audits in determining the minimum audit points for upcoming audits

**Audit**  
Generating findings

**Post-Audit Activities**  
Rating and tracking the corrective actions associated with the findings generated from audits

ICAS sends corrective action status reports to CVIS

Audit Data collection CVIS

CVIS sends audit findings to the ICAS

Center reviews audit findings and develops the corrective action plan in ICAS. Audit tabs in ICAS handle midterm center audit inspections .

# CVIS support of the Compliance Verification Model

- **Approach**

- Implementation of CVIS and subsequent CVIS operations, continuous improvement and training will be handled in a “Phased” approach
- **Phase I:** Fast track application will use the Audit Tracking Information System (ATIS) and expand it’s capability to capture agency wide data
- **Phase II:** CVIS will be augmented through requirements collection via the user community and the various working groups associated with compliance verification activity.
- **Phase III:** CVIS versions will occur in staged releases and these releases will be coordinated with other safety integrated systems and activity

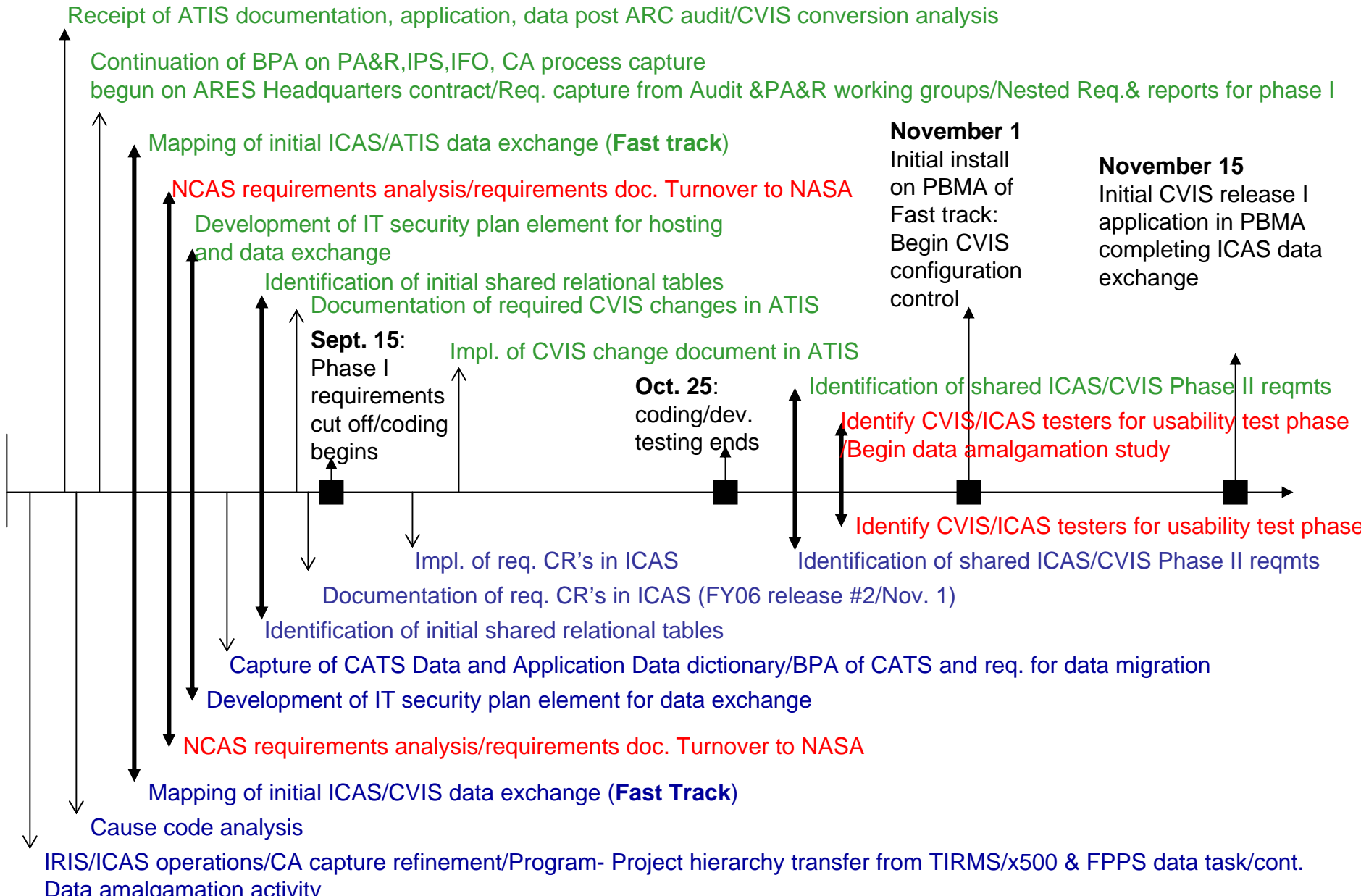
# CVIS support of the Compliance Verification Model

- **Phase I (Ends November 2006)**
  - ATIS/ICAS data exchange model/CVIS I (Fast track)
  - Study of IPS,PA&R and IFO processes for Phase II
  - Honeywell Requirements for NCAS audit data collection and analysis
  - Development of Standardized Relational Tables
  - CATS data inclusion study
- **Phase II (Ends April 2007)**
  - Corrective Action Systems identification
  - Audit data collection systems identification
  - Risk Informed Compliance Verification model
  - Safety/quality requirements relational tables
  - Implementation of identified reports
  - Initial data analysis
  - Center internal audits study
- **Phase III**
  - Continuing operations and training



# Phase I: Integrated Timeline

PBMA Support Contract  
IRIS Support Contract  
NCAS Support Contract



# Phase II: Integrated Timeline

